

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034136.D
 Acq On : 3 May 2018 3:47
 Operator : SJ/JU
 Sample : PB108811TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108811TB

Quant Time: May 03 06:43:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	70400	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	278981	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	227745	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	644288	20.00	ng	0.00
75) Chrysene-d12	21.76	240	766969	20.00	ng	-0.01
86) Perylene-d12	25.06	264	758726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	666686	153.00	ng	0.00
7) Phenol-d6	7.22	99	984779	145.17	ng	0.00
23) Nitrobenzene-d5	9.23	82	672716	92.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	459628	145.75	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1418029	90.73	ng	-0.01
78) Terphenyl-d14	20.09	244	3030860	86.57	ng	0.00

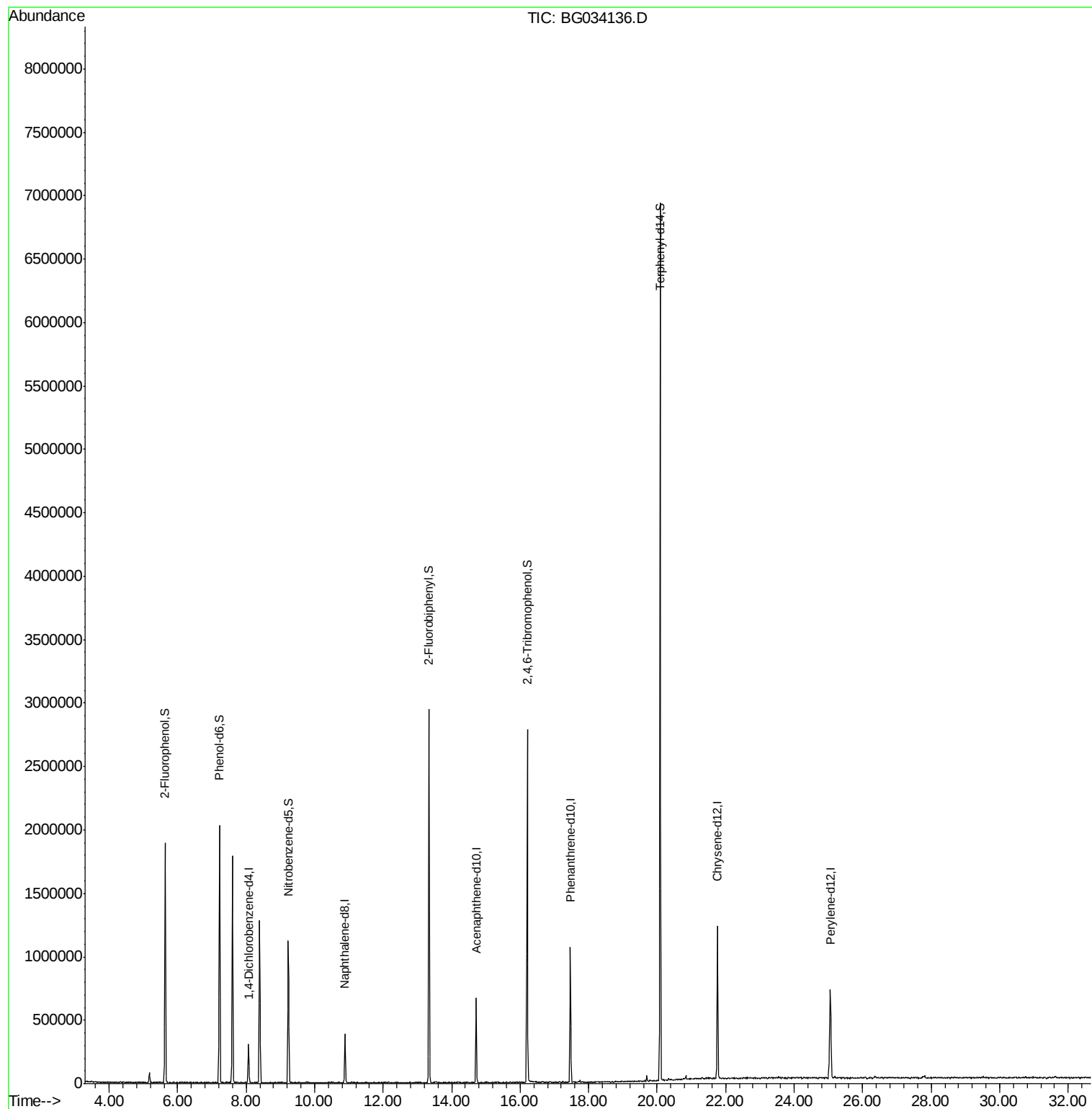
Target Compounds Qvalue

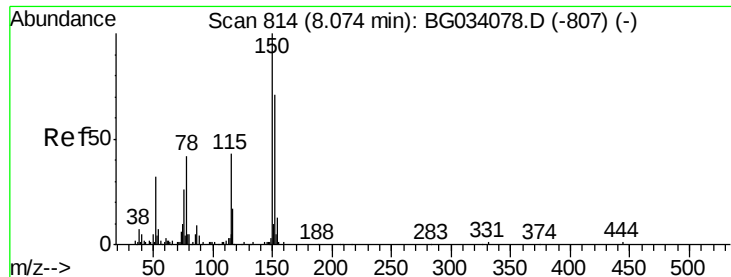
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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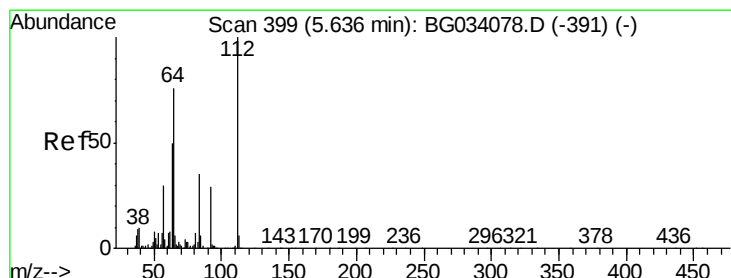
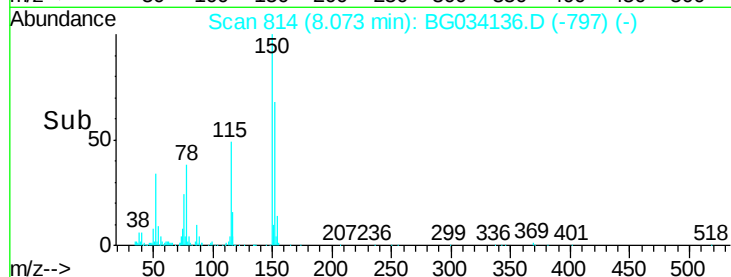
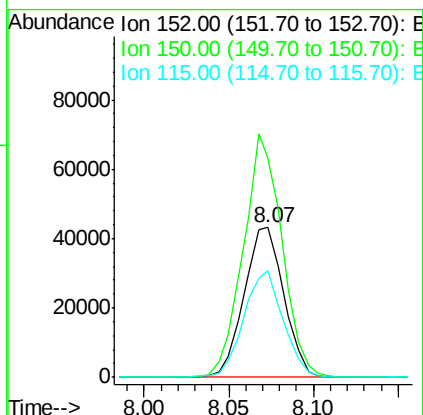
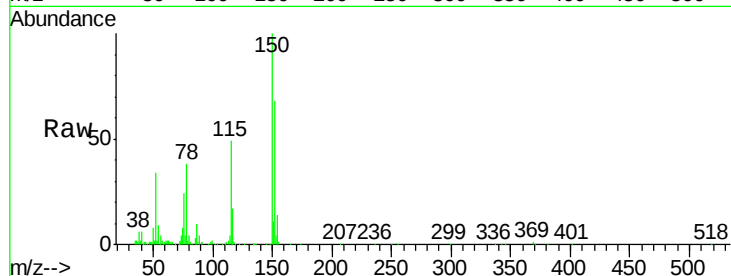


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Instrument :
BNA_G
ClientSampleId :
PB108811TB

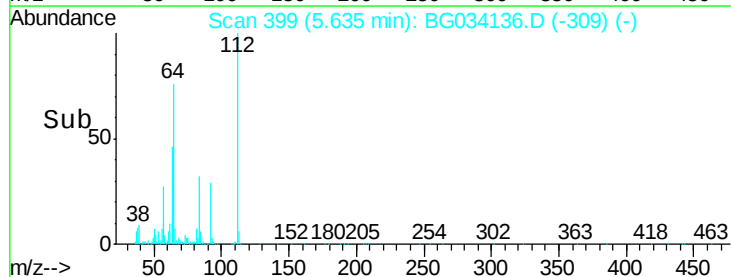
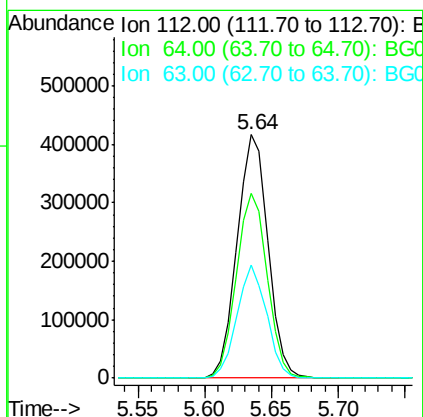
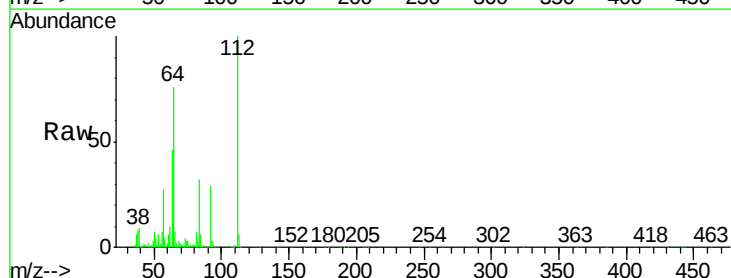
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	126.6	189.8
115	71.4	53.0	79.4

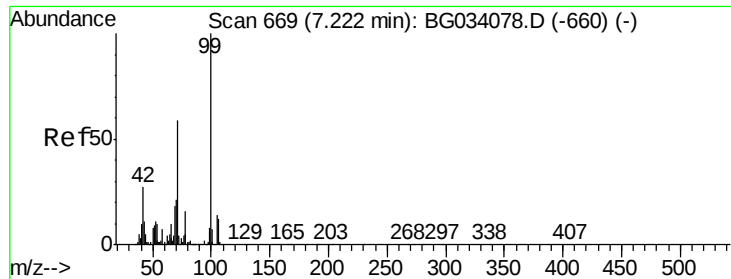


#5

2-Fluorophenol
Concen: 153.000 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.7	56.3	84.5
63	46.4	30.1	45.1





#7

Phenol-d6

Concen: 145.168 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034136.D

Acq: 3 May 2018 3:47

Instrument :

BNA_G

ClientSampleId :

PB108811TB

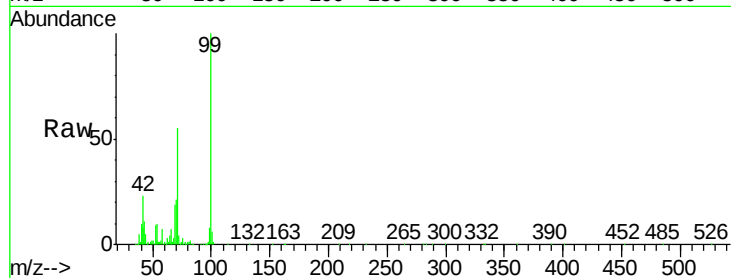
Tot Ion: 99 Resp: 984779

Ion Ratio Lower Upper

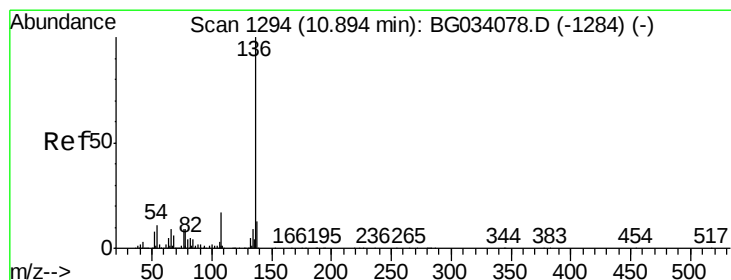
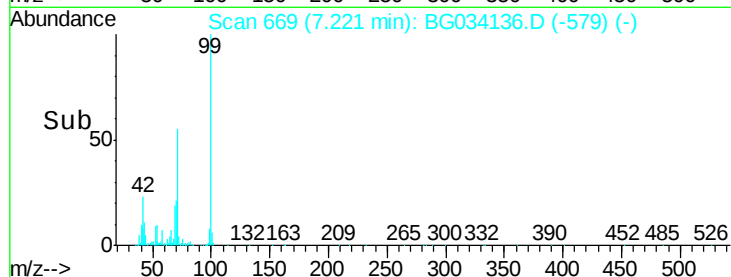
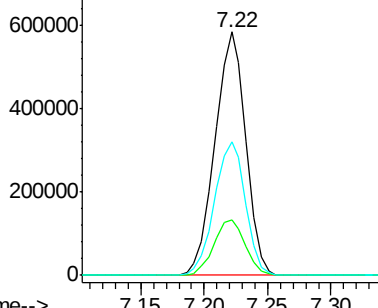
99 100

42 22.6 14.1 21.1#

71 55.0 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034136.D

Acq: 3 May 2018 3:47

Tgt Ion: 136 Resp: 278981

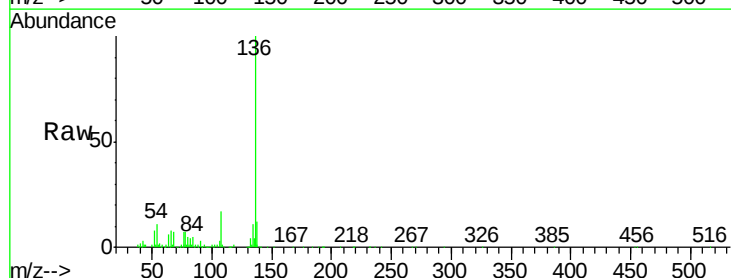
Ion Ratio Lower Upper

136 100

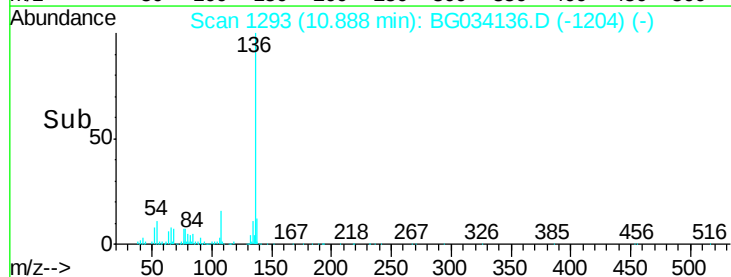
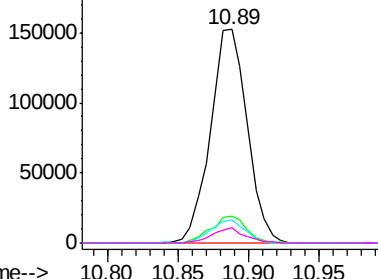
137 12.5 9.2 13.8

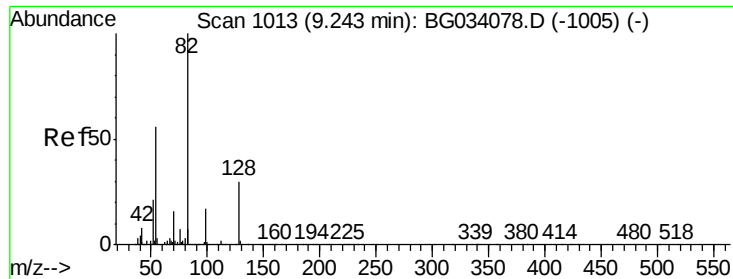
54 10.6 10.3 15.5

68 7.4 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

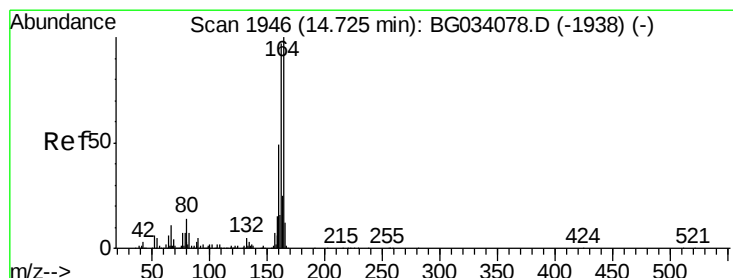
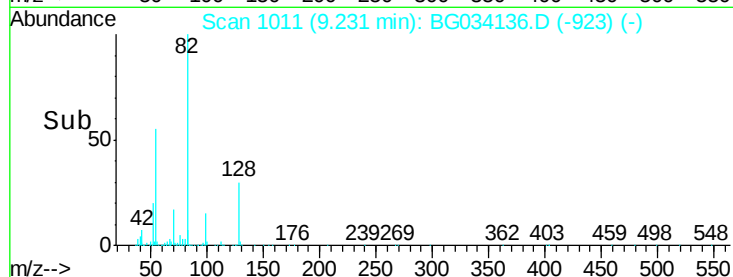
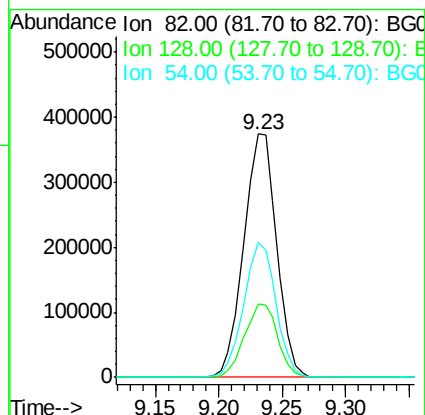
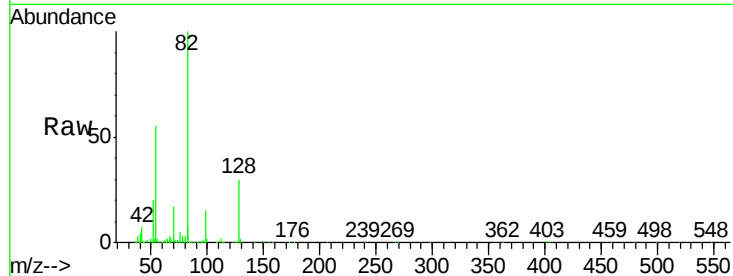




#23
 Nitrobenzene-d5
 Concen: 92.518 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG034136.D
 Acq: 3 May 2018 3:47

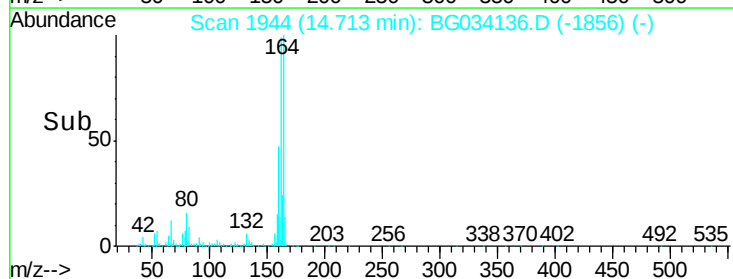
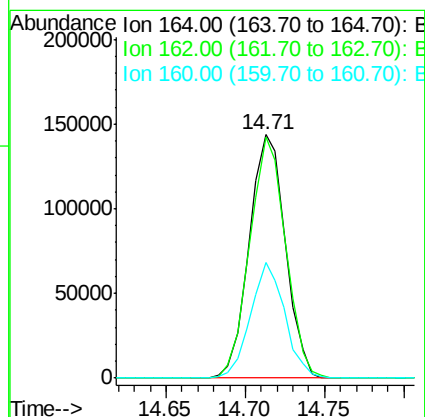
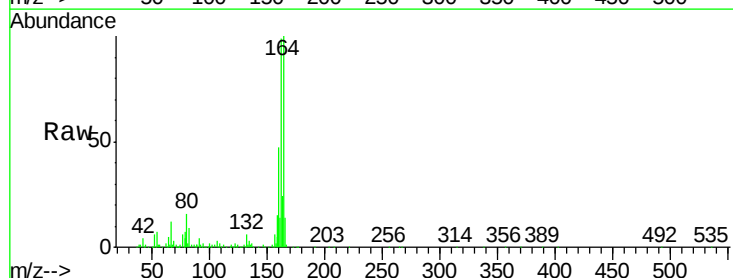
Instrument :
 BNA_G
 ClientSampleId :
 PB108811TB

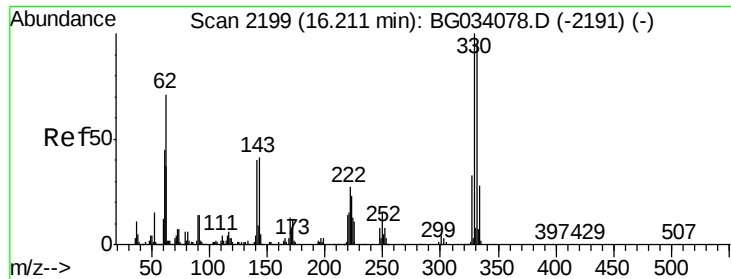
Tot Ion	82	Resp	672716
Ion Ratio	Lower	Upper	
82	100		
128	30.1	29.7	44.5
54	55.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG034136.D
 Acq: 3 May 2018 3:47

Tgt Ion	164	Resp	227745
Ion Ratio	Lower	Upper	
164	100		
162	98.9	78.8	118.2
160	47.4	35.4	53.0

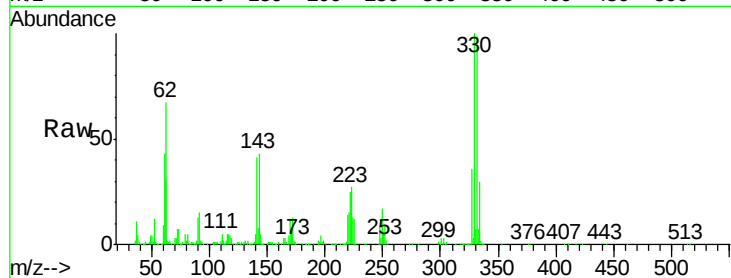




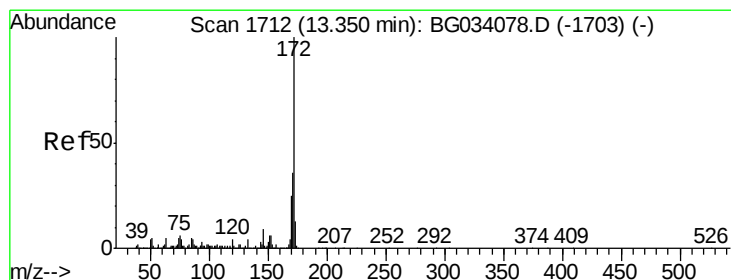
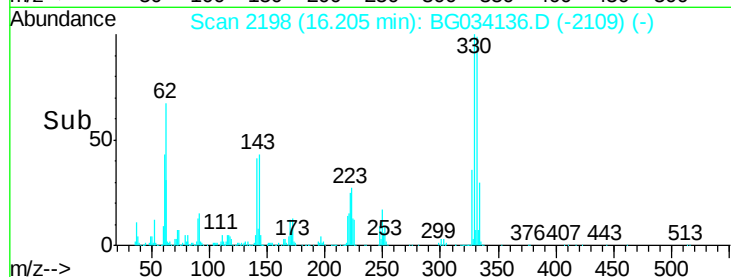
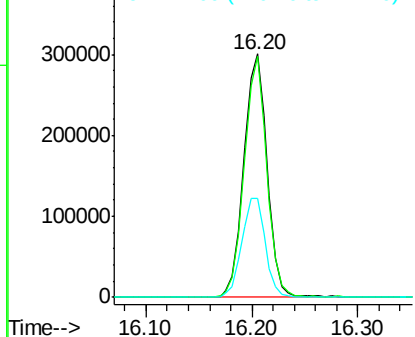
#41
 2,4,6-Tribromophenol
 Concen: 145.747 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034136.D
 Acq: 3 May 2018 3:47

Instrument :
 BNA_G
 ClientSampleId :
 PB108811TB

Tot Ion:330 Resp: 459628
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 41.2 25.2 37.8#

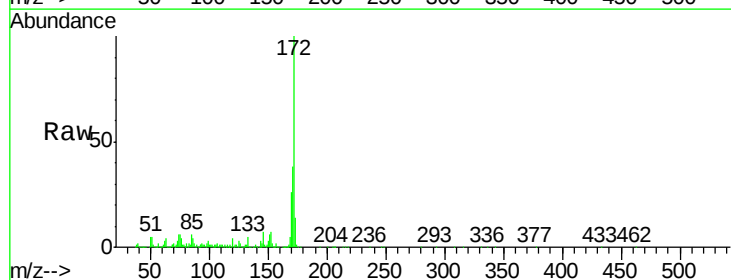


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

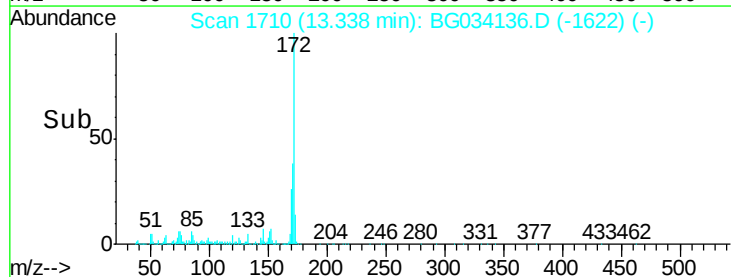
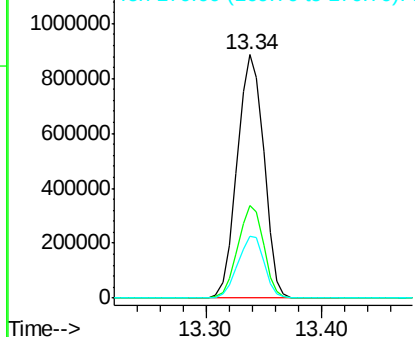


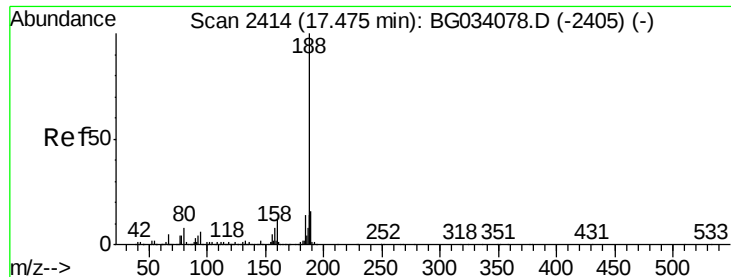
#44
 2-Fluorobiphenyl
 Concen: 90.728 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034136.D
 Acq: 3 May 2018 3:47

Tgt Ion:172 Resp: 1418029
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.6 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

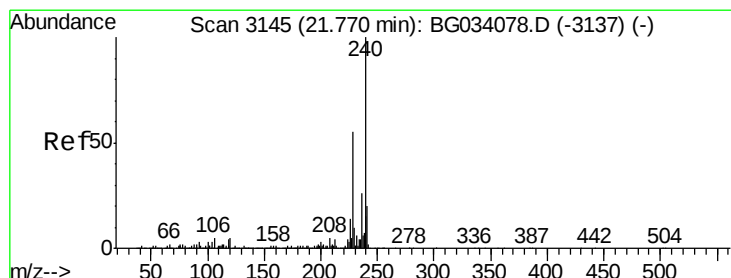
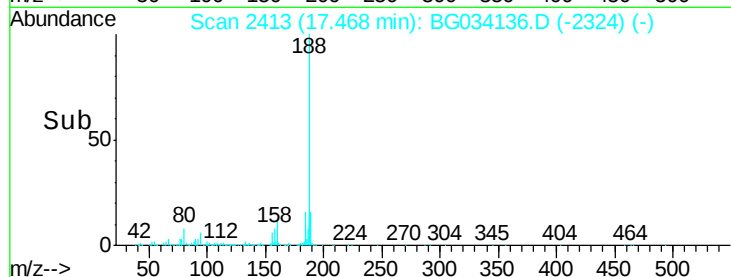
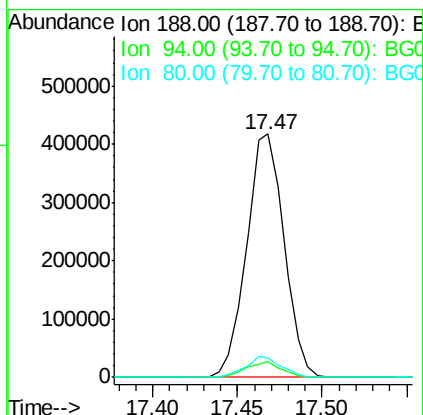
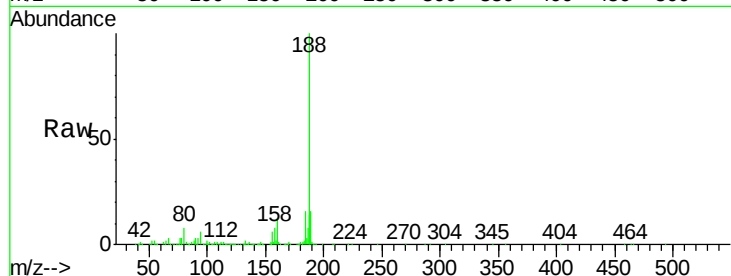




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

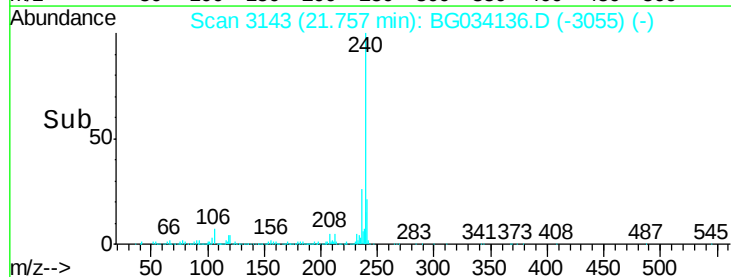
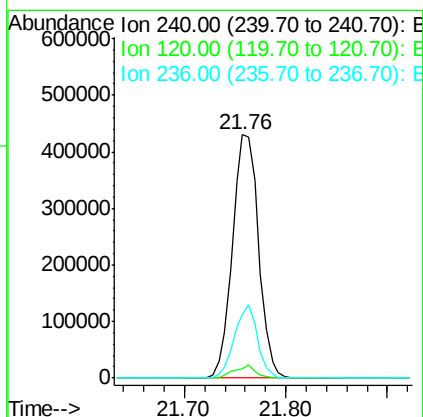
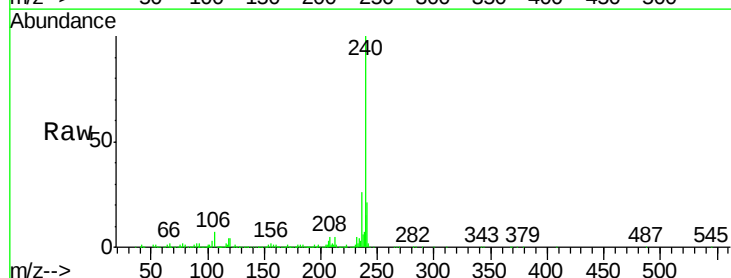
Instrument :
BNA_G
ClientSampleId :
PB108811TB

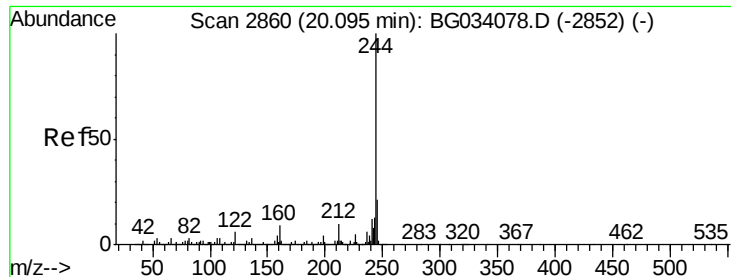
Tot Ion:188 Resp: 644288
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Tgt Ion:240 Resp: 766969
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 86.569 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034136.D

Acq: 3 May 2018 3:47

Instrument :

BNA_G

ClientSampled :

PB108811TB

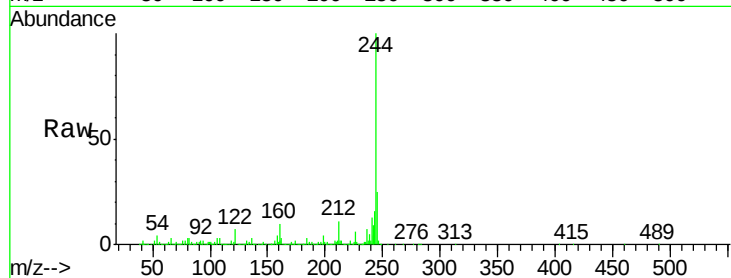
Tot Ion:244 Resp: 3030860

Ion Ratio Lower Upper

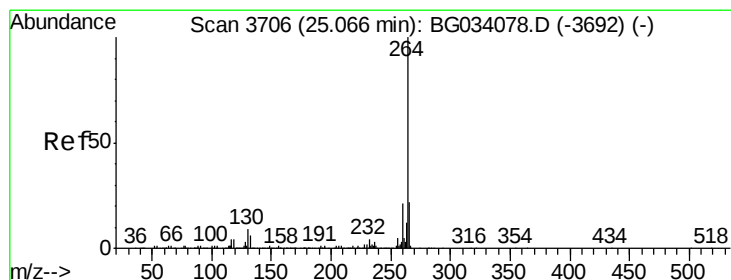
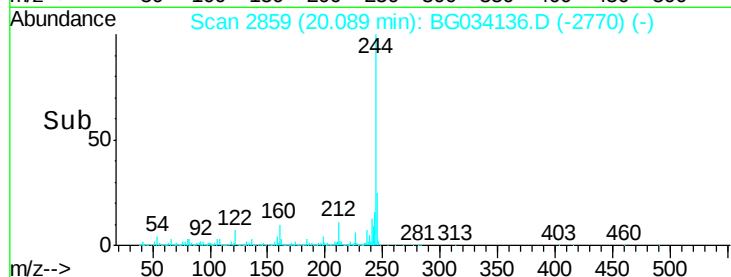
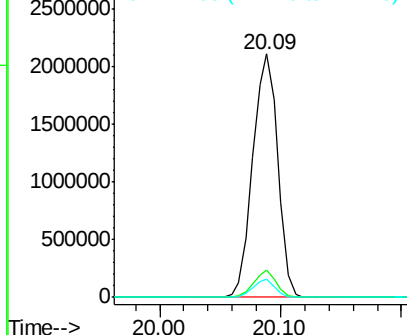
244 100

212 11.0 5.8 8.8#

122 7.3 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG034136.D

Acq: 3 May 2018 3:47

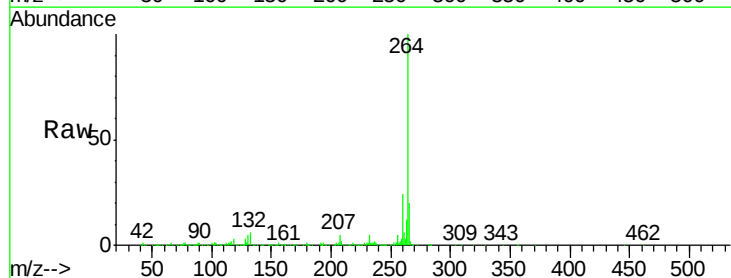
Tgt Ion:264 Resp: 758726

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

